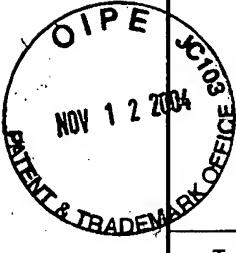


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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

<div style="text-align: right; margin-bottom: 5px;">  </div> <p>Total Number of Pages in This Submission</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td style="width: 50%;">10/609,289</td> </tr> <tr> <td>Filing Date</td> <td>June 27, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Marc T. JONES</td> </tr> <tr> <td>Art Unit</td> <td>2177</td> </tr> <tr> <td>Examiner Name</td> <td>S. R. Pannala</td> </tr> <tr> <td>Attorney Docket Number</td> <td>491442001700</td> </tr> </table>	Application Number	10/609,289	Filing Date	June 27, 2003	First Named Inventor	Marc T. JONES	Art Unit	2177	Examiner Name	S. R. Pannala	Attorney Docket Number	491442001700
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First Named Inventor	Marc T. JONES												
Art Unit	2177												
Examiner Name	S. R. Pannala												
Attorney Docket Number	491442001700												

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="margin-left: 20px;">Drawings: Sheet 9 (Annotated & Replacement)</div> <input type="checkbox"/> Postcard
		Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	MORRISON & FOERSTER LLP (CN 25224) 555 West Fifth Street, Los Angeles, CA 90013		
Signature			
Printed name	Glenn M. Kubota		
Date	November 12, 2004	Reg. No.	44,197

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV479818333US, in an envelope addressed to: USPTO, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: November 12, 2004

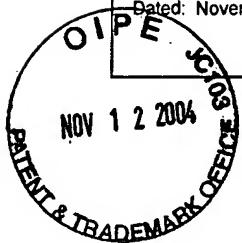
Signature:  (Marco Jimenez)

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Dated: November 12, 2004

Signature:

(Marco Jimenez)



Docket No.: 491442001700

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
M. Tim JONES et al.

Confirmation No.: 7891

Application No.: 10/609,289

Examiner: Sathyanaraya R. Pannala

Filed: June 27, 2003

Art Unit: 2177

For: SPARCE AND NON-SPARSE DATA
MANAGEMENT METHOD AND SYSTEM

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

This is in response to the non-final Office Action dated September 9, 2004, for which a response is due on December 9, 2004. Reconsideration and allowance of the pending claims, as amended, in light of the remarks presented herein are respectfully requested.

Amendments to the Specification begin on page 3 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 4 of this paper.

Amendments to the Drawings begin on page 12 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

Remarks/Arguments begin on page 13 of this paper.

An **Appendix** including amended drawing figures is attached following page 17 of this paper.